

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently amended) A coupling system for transfer of an anaesthetic liquid from a bottle to a vaporizer, comprising a bottle part comprising a first valve with a first spring-loaded valve body and a first reactive body, and a vaporizer part comprising a second valve with a second spring-loaded valve body and a second reactive body, said first valve body having a recess therein and said reactive body having a protruding part having a shape conforming to said recess, the bottle part and the vaporizer part being connectable to each other with the first reactive body arranged to act on the second spring-loaded valve body in an opening direction, and the second reactive body is arranged to act on the first spring-loaded valve body in an opening direction, to provide a flow-path for the anaesthetic liquid, a seal disposed between the first valve body and the first reactive body of the bottle part, and a further seal disposed between the second valve body and the second reactive body of the vaporizer part seal and the further seal being positioned, and the first and second reactive bodies being arranged to cause, when the bottle part and the vaporizer part are coupled together, the seal of the bottle part to abut sealingly against the second reactive body, and the further seal of the vaporizer part to abut sealingly against the first reactive body.

2. (Previously presented) A coupling system according to claim 1, the distance between the seal and the further seal and the respective first and second reactive bodies have a distance therebetween that causes, when the bottle part and the vaporizer part are coupled together, the seal of the vaporizer part to first come into contact with the first reactive body.

Claims 3 and 4 have been cancelled.

3-4. (Cancelled)

Claim 5 has been amended as follows:

5. (Currently amended) A method for hermetically coupling and decoupling a bottle part and a vaporizer part, wherein the bottle part comprises a first outer reactive body, a first spring-loaded valve and a first inner seal between a first spring-loaded first body valve and the first outer reactive body, and wherein the vaporizer part comprises a second outer reactive body, a second valve body, and a second inner seal between the a second valve body and the second outer reactive body, comprising the steps of:

forming said first valve body with a recess therein and forming said second reactive body with a protruding part having a shape conforming to said recess;

coupling the bottle part and the vaporizer part hermetically together by effecting contact between the first inner seal and the second outer reactive body, and by effecting contact between the second inner seal and the first outer reactive body; and

decoupling the bottle part from the vaporizer part, in the bottle part, the first spring-loaded valve forming a hermetic seal with the first inner seal and, in the vaporizer part, the second valve body forming a hermetic seal with the second inner seal prior to separation of the parts to trap any gasses remaining in the bottle part and the vaporizer part in their respective parts so that virtually no gas escapes after the parts are separated.

6. (Previously presented) A method according to claim 5 comprising decoupling the bottle part from the vaporizer part by pulling apart the bottle part from the vaporizer part with sufficient force to separate the parts.

7. (Previously presented) A method according to claim 5 wherein the second reactive body has a protruding part thereon and the first reactive body has a recess conforming to said protruding part, and comprising coupling the bottle part and the vaporizer part by pushing together the bottle part and the vaporizer part and thus causing the protruding part to mate with the recess and open the first spring-loaded valve (5) and the second reactive body to allow gas to freely flow between the bottle part and the vaporizer part.